



Joint Committee on Tactical Shelters (JOCOTAS)

JOCOTAS Overview



Joint Committee on Tactical Shelters (JOCOTAS)

Agenda

- Original Mission
- Evolution
- Link to Joint Standardization Boards
- Contingency Basing (CB) Activities
- Branding
- Questions

"Unclassified - Public Release Approved PAO #: U14-508



Joint Committee on Tactical Shelters (JOCOTAS)

JOCOTAS CORE MISSION was Established in 1975¹

The objectives of the DOD Tactical Shelter Program are to:

- a. Reduce duplication of R&D effort.
- b. Achieve maximum standardization of effort within DOD.
- c. Plan and control the shelter program to meet changing military shelter needs

Focus: Rigid Wall Shelters

Firm Waiver Requirements ... ***Questionable Authority***

Elements outside the scope of the DOD Tactical Shelter Program:

- (1) Containers used exclusively for cargo transportation
- (2) **Fabric-wall shelters**
- (3) **Air-supported structures**
- (4) Refrigerated structures
- (5) Modular or prefabricated structures designed to be shipped to the operating location and assembled with external unit support
- (6) Vans

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¹Army Regulation 70-59 OPNAVINST 3900.27, B AFR 80-8, MCO 3920.5A



Joint Committee on Tactical Shelters (JOCOTAS)

SUMMARY: JOCOTAS evolves as the Shelter Mission changes. It was originally established in 1975 under a Joint Service Regulation overseen by the Under Secretary of Defense for Acquisition and led by the Assistant Secretary of the Army for RDA

Before JOCOTAS was formed, more than **200 types of rigid-wall tactical shelters existed among the four services**, creating a huge logistics burden. JOCOTAS succeeded in reducing the standard family of rigid-wall tactical shelters to 20 items.

During the first 20 years of operation, JOCOTAS concentrated its efforts on rigid-wall tactical shelters that are **deployed worldwide and readily transportable by air, land, and sea**.

In 1995, JOCOTAS expanded its purview to include **soft-wall** and hybrid shelters and added voting member representation from the Defense Logistics Agency, the primary DoD acquisition organization for soft-wall shelters. **This was codified with a charter approved in 2000.**

In 2000 the regulation was augmented by a **charter and leadership moved to OSD**. This was approved by the JOCOTAS Voting Members and the charter was signed by, Deputy Director Land Warfare, Office of the Under Secretary of Defense (ATL).

In 2006, the DoD Standardization Executive formally chartered the JOCOTAS as the **Shelter Joint Standardization Board**

In 2008 JOCOTAS moved from the Deputy Director Land Warfare and Munitions to the **Defense Standardization Program Office**

In 2009 JOCOTAS added **shelter technology** to enhance it's life cycle focus and transfer information across the services particularly in energy management.

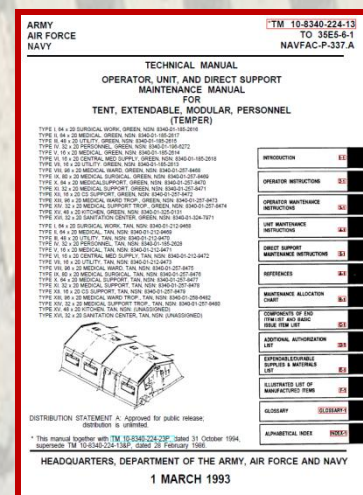


Joint Committee on Tactical Shelters (JOCOTAS)

Standard Shelters Why is this Important?



World Wide Mission
Transportable
Deployable
Mitigate Threats
Interoperable
Sustainable



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Joint Committee on Tactical Shelters (JOCOTAS)

Standard Shelter: Transportability is a Key Attribute



Pallet Spaces



Air Delivery
Vertical Lift



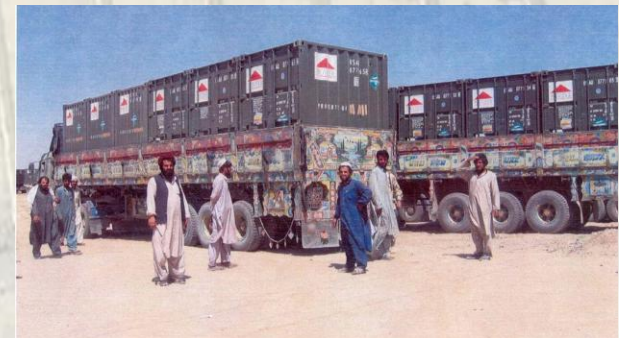
Intermodal Shipping



Organic Set Up



Material Handling



Ground Shipping



Joint Committee on Tactical Shelters (JOCOTAS)

*Threat Mitigation is a
Key Attribute of Standard Shelters and
Expeditionary Base Camps*

- o Extreme Weather
- o Ballistics / Blast
- o Detection
- o C/B Warfare Agents
- o **Fire**



Flame



- Rain: **2"/hr 30min**
- Snow: **10psf/ 24 hrs**
- Wind: **50mph Cons**
65mph 3 sec
- Temp: **- 65° to + 120°f**



Chem/Bio Defense



Blackout

- Blast
- Fragment



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Joint Committee on Tactical Shelters (JOCOTAS)

On June 8, 2006, the DoD Standardization Executive, James Hall, formally chartered the JOCOTAS as the **Joint Shelter Standardization Board (JSB)** for:

- Tactical Rigid-Wall Shelters
- Soft-Wall Shelters
- Hybrid Shelters
- Special Purpose Covers
- Shelter Accessories

The JSB is Empowered to:

- Create and enhance joint processes for improved development and acquisition of shelters offering common solutions and interoperability
- Manage and maintain specifications and standards
- Establish a DoD-wide forum for interoperability coordination, planning, and decision making.

Support CB Joint Standardization Program CBEC Tasking Sep 16 2014



Joint Committee on Tactical Shelters (JOCOTAS)

USMC Expeditionary Power & Energy Symposium JANUARY 25-27, 2010 NEW ORLEANS, LA

- 1] On 26 Jan 10, Natick Soldier Research Development and Engineering Center (NSRDEC) served on the USMC P&E Symposium Panel which focused on Expeditionary Basing Systems.
- [2] The session was a segment of a broader base camp discussion that also included power, energy, water and waste conservation and management.
- [3] The Basing Systems Panel covered the spectrum of Operating Bases ranging from 10,000 plus occupant Main bases to 50 Warfighter Combat Outpost and Patrol Bases.
- [4] The discussions covered sustainment, current shelter systems, supporting equipment such as combat feeding and hygiene systems and emerging technologies.
- [5] The NSRDEC representative provided input on shelters, field feeding and the Force Provider system.
- [6] In addition, NSRDEC detailed its new Science and Technology program established by the Technical Director to advance the State of the Art in Base Camp Force Protection, Energy Management, water and waste processing.



Joint Committee on Tactical Shelters (JOCOTAS)

JOCOTAS:

Managing Tactical and Energy Contingencies



Advanced Combat Outpost
(JOCOTAS)

For thirty-five years, the Joint Services have worked together under the Joint Committee on Tactical Shelters (JOCOTAS) to mitigate worldwide battlefield threats by delivering state of the art shelters to the warfighter. In 2012, JOCOTAS formally broadened its activities to include Contingency Basing (C-Basing) with a focus

utilize contingency bases as force projection platforms. Energy use in basing operations was documented from March 2011-Aug 2012 and found to approximately equal the fuel required to power all vehicle and rotary wing aircraft

For thirty-five years, the Joint Services have worked together under the Joint Committee on Tactical Shelters (JOCOTAS) to mitigate worldwide battlefield threats by delivering state of the art shelters to the Warfighter. In 2012, JOCOTAS formally broadened its activities to include Contingency Basing (C-Basing) with a focus on energy management and sustainment.

REF: Contingency Basing was added into the JOCOTAS Area of Interest with the approval of the Chairman, Voting Members and key stakeholders: TWG Chairs, PM FSS, BEAR Program Office and OSD ASD/OE Dep Dir Current Operations



Joint Committee on Tactical Shelters (JOCOTAS)

Branding

How do we get the message out ?

- JOCOTAS Web Site:

<http://nsrdec.natick.army.mil/media/print/JOCOTAS.pdf>

- JOCOTAS Standard Family of Shelters Brochure

- Facebook JOCOTAS Page:

<https://www.facebook.com/JOCOTAS>

- Articles in Tactical Defense Media and other publications
- Quarterly Updates to the JOCOTAS Community
- ***Transportability Certification Requirements***



Joint Committee on Tactical Shelters (JOCOTAS)

Elevator Speech Take Away

Shelter Mission and Message

- Protect Groups of Warfighters in Hostile Environments
- Provide Enhanced Deployability
- Manage Energy and Sustainment Requirements
- Provide Warfighters with Affordable and Supportable Systems

sheltering warfighters worldwide



Joint Committee on Tactical Shelters (JOCOTAS)

Questions



Joint Committee on Tactical Shelters (JOCOTAS)

Back up slides on Charter and Joint Standardization Board



Joint Committee on Tactical Shelters (JOCOTAS)

Purpose 2010 Charter

1. Establish a DOD Standard Family of Tactical Shelters
2. Enforce the maximum use of the DoD Standard Family of Tactical Shelters
3. Actively advocate for the development and fielding of State of the Art shelters and ancillary equipment
4. Share information and any available resources to eliminate duplication of shelter technology efforts; working for common solutions for identified problem areas.
5. Establish standards for shelters to ensure structural and environmental performance and compatibility with commercial and military transportation and material handling assets.
6. Provide a forum for interaction between JOCOTAS and industry

Also: Manage Waiver Process for non conforming shelters

Focus: Stand alone (Empty Boxes) Fabric-wall, Rigid-wall and Hybrid Shelters

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